

GEORGIYEVA, I.

BULGARIA/General Biology. Genetics

3-5

Abs Jour : Ref Zhur - Biol., No 22, 1956, No 98969

Author : Georgiyeva R., Tsikov D., Georgiyeva I., Dilov,
Kh., Pchelarov V.

Inst : Institute of Plant Growing, Bulgarian AS
Title : Periodical and Genetic Difference in Quality of
Potatoes During the Regeneration

Orig Pub : Izv. In-ta rasteniyevodstvo. B"lg. Ak., 1957,
kn. 4, 73-107

Abstract : Plants developed from rooting of shoot tops in
aguila and cardinal kinds resembled in their pro-
gress of ontogenosis the plants grown from the
appropriate tubers; and therefore, authors sup-
pose, the axillary buds in regard to the old shoots
correspond to the tubers' ocelli according to their
periodical development. On the conditions of
summer planting, the plants from the rooted grafts
developed normally and produced tubers indicating

Card : 1/2

BULGARIA/General Biology. Genetics

B-5

Abs Jour : Ref Zhur - Biol., No 22, 1958, No 98969

no signs of degeneration. The plant tubers obtained from the rooted grafts appeared to be watery, had higher relative content of saccharose and the general content of all sugars; they also had higher activity of catalase and lower plasma permeability than the plant tubers obtained by the usual planting method. Next year, from the tubers obtained from the rooted top grafts, the more powerful and more productive plants developed. The rooting of the top graft can be recommended as means to speedy multiplication of the valuable potato forms. The authors advise to use changes in plants obtained from graft during the breeding of the new potato sorts. -- A.I. Kuptsov

Card : 2/2

22

GEORGIYEVA | .

BULGARI/Nuclear Physics - Installations and Instruments. Methods C-2
of Measurement and Research

.bs Jour : Ref Zhur - Fizika, No 4, 1959, No 7487

Author : Borisov M., Kinev St., Georgiyeva I., Vateva Yel.

Inst : -
Title : Use of Electrically Stimulated Currents in Single Crystals
of Cadmium Sulfide for the Measurement of Doses of Gamma Rays

Orig Pub : Dokl. Bolg. AN, 1958, 11, No 1, 25-28

Abstract : An electrically stimulated current is a brief current pulse,
occurring in CdS crystals, exposed to light or to ionizing
radiations when an electric field is applied to the crystal.
The magnitude of the pulse depends on the radiation dose and
is independent on the dose intensity. The sensitivity
limit is determined by the dark current, arising under the
influence of the electric field in unexposed crystals. As
the dose is increased, saturation occurs, i.e., the pulses
do not increase with increasing dose. The method makes it
possible to measure doses within limits from several milli-

Card : 1/1 roentgens to one reehtgen. -- K.K. Aglantsev

7.4177(1035, 1051, 1114)

30415

26.2421

8/058/61/000/009/036/050
A001/A101

AUTHORS: Borisov, M., Kynov, St., Vatova, Ye., Georgiyeva, I.

TITLE: On electrically stimulated currents in single crystals of cadmium

sulfide subjected to irradiation by light

PERIODICAL: Referativnyy zhurnal. Fizika, no. 9, 1961, 224, abstract 9537a
("Dokl. Bolg. AN", 1960, v. 13, no. 1, 23-26, German summary)

TEXT: Electrically stimulated currents arising at irradiation of CdS single crystals by visible light were investigated. The curve showing the magnitude of stimulated currents as a function of the absorbed light portion is presented and compared with the kinetic curve of photocurrent obtained at the same illumination. The intensity of stimulated currents is by far greater, consequently it is more suitable for measuring weak intensities of light. At a constant dose of irradiation, the intensity of stimulated current does not depend on illumination intensity and rises with the growth of voltage applied to the crystal. With the course of time, crystals spontaneously emit a portion of absorbed energy. Methods of eliminating this phenomenon have been found. There are peaks (from two and more for different crystals) in dependence on the intensity of stimulation.

Card 1/2

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8"

30415

8/058/61/000/009/036/050
A001/A101

On electrically stimulated currents ...

ed current. The peak positions of electrically and thermally stimulated currents coincide, which indicates a close connection between the both phenomena. The results may be relevant also to other kinds of radiation to which CdS is sensitive.

V. Patskevich

[Abstracter's note: Complete translation]

Card 2/2

S/194/61/000/012/060/097
D201/D256

26.15/2

AUTHORS: Borisov, M., Kynev, St., Vateva, Ye. and Gecrgi~~je~~eva,
I.

TITLE: Electrically stimulated currents in irradiated mono-
crystals of cadmium sulphide

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 12, 1961, 13, abstract 12G79 (Dokl. Bolg. AN,
1960, v. 13, no. 1, 23-26)

TEXT: This is a description of the results of analysis of elec-
trically stimulated currents (ESC), originated with the superim-
position of voltage on a previously irradiated CdS crystal. The
magnitude of ESC depends in general not on the intensity of irra-
diation, but on its dosage. With the increase of dose the ESC in-
creases up to a certain limit, beyond which saturation occurs.
With the increase of the voltage applied to the crystal the ESC
increases monotonically so that it is impossible in this way to
detect the electron energy traps. The graphs of ESC against the
✓3

Card 1/2

Electrically stimulated currents ...

S/194/61/000/012/060/097
D201/D303

temperature exhibit 2 maxima (-80 and +80°C), showing different levels of electron traps. The positions of thermally and electrically stimulated electric current maxima coincide with each other which shows a close interdependence of the two phenomena. [Abstractor's note: Complete translation.]

✓B

Card 2/2

RECORDED

GEORGIEVA

9,4177 (1138)

26.2421

31517
S/058/61/000/010/087/100
A001/A101

AUTHORS: Borisov, M., Georgieva, I., Milyashev, M.

TITLE: On effect of infrared rays on photoconductivity of cadmium sulfide single crystals

PERIODICAL: Referativnyy zhurnal. Fizika, no. 10, 1961, 269, abstract 10E³⁴¹
("Dokl. Bolg. AN", 1960, v. 13, no. 6, 661 - 664)

TEXT: The authors investigated the effect of preliminary infrared irradiation (0.7-3.0 μ) on photocurrent in single crystals of CdS, induced by exciting monochromatic light in the range 0.45-0.55 μ . In investigated specimens were observed both effect of intensifying the photocurrent and effect of its quenching by infrared light, depending on the following factors: tension on the specimen, wavelength of the excitation light, and ratio of intensities of the excitation light and preliminary irradiation. It is supposed that to explain these effects, an assumption should be made that infrared light produces free holes in the crystal in addition to production, by the excitation light, of free electrons.

V. Sidorov

X

[Abstracter's note: Complete translation]

Card 1/1

GULXAYEV, A.P.; EGORGIYEVA, I.Ya.

Correlation resistance of binary niobium alloys. Zashch.met. 1
no.63652-657 N-D '65. (MIRA 18:11)

1. Moskovskiy institut khimicheskogo mashinostroyeniya.

I 10231-66 EWT(m)/EPF(n)-2/EWA(d)/EWP(t)/EWP(z)/EWP(b) LJP(c) MJW/JD/HW/JG
ACC NR: AP5027147 SOURCE CODE: UR/0126/65/020/004/0592/0596

AUTHOR: Georgiyeva, I. Ya.; Gulyayev, A. P. 44,55

ORG: Moscow Institute of Chemical Machine Building (Moskovskiy institut khimicheskogo mashinostroeniya) 44,55

TITLE: Hardness of binary niobium alloys

SOURCE: Fizika metallov i metallovedeniye, v. 20, no. 4, 1965, 592-596

TOPIC TAGS: alloy, binary niobium alloy, niobium containing alloy, vanadium containing alloy, tantalum containing alloy, titanium containing alloy, zirconium containing alloy, molybdenum containing alloy, tungsten containing alloy

ABSTRACT: The hardness of binary Nb alloys with V, Ta, Ti, Zr, Mo, and W has been investigated. All these alloys except Zr form a continuous series of solid solutions which are stable at room temperature. Nb-Zr solid solutions are stable only above 1000°C. Alloys were homogenized in a vacuum of $1-5 \cdot 10^{-5}$ mm Hg at temperatures 400–500°C below the melting point. A content of 5–10 at% vanadium (atomic radius 1.36 Å) was the most effective strengthener, followed closely by Mo and W (atomic radii, 1.40 Å and 1.42 Å respectively). At a content higher than 10 at%, W has a stronger effect than V. These elements decrease the lattice parameter of niobium and create compression stresses (the atomic radius of Nb is 1.47 Å). Ta and Ti,

Card 1/2

UDC: 539.53:546.882

L 10231-66

ACC NR: AP5027147

2

whose atomic radii (1.46 and 1.45 Å) are close to that of Nb, do not change the lattice parameter significantly and do not increase hardness. Zr (atomic radius 1.60 Å) increases the lattice parameter, causes tension stresses in the lattice, and increases the hardness, but to a lesser degree than does compression. With increasing temperature the hardness of Nb-Ti and Nb-Ta alloys drops at the same rate as that of pure Nb. Nb-V alloys soften more rapidly, especially in the range 700-800°C. The hardness of Nb-15 at% V and Nb-15 at% W alloys, 333 and 347 HV at room temperature, drops at 1000°C to 139 and 216 Hv, respectively. The hardness of unalloyed niobium drops from 180 HV at room temperature to 75 HV at 1000°C. Hardness is also affected by the content of interstitial impurities. Vacuum annealing of alloys, the use of vacuum melting, or the use of high-purity initial materials decrease the room temperature hardness by 40-60 HV. Orig. art. has: 4 figures. [WW]

SUB CODE: 11/ SUBM DATE: 200ct64/ ORIG REF: 003/ OTH REF: 001/ ATD PRESS:
4163

L 23894-66 EWT(m)/EPF(n)-2/EWP(t) IJP(c) JD/JG/NB
ACC NR: AP6008621

SOURCE CODE: UR/0365/65/001/006/0652/0657

54
B

AUTHORS: Gulyayev, A. P.; Georgiyeva, I. Ya.

ORG: Moscow Institute of Chemical Machinery Construction (Moskovskiy institut
khimicheskogo mashinostroyeniya)

TITLE: Corrosion stability of binary alloys of niobium

SOURCE: Zashchita metallov, v. 1, no. 6, 1965, 652-657

TOPIC TAGS: niobium base alloy, corrosion resistant alloy, tantalum containing
alloy, titanium containing alloy, niobium, tantalum, titanium, binary alloy

ABSTRACT: Corrosion stability of alloys of niobium with Ta, Ti, Zr, V, and Mo to
acid solutions has been investigated. The work was undertaken to find cheaper
acid-resistant alloys than the presently used Ta. The second element was added in
a ratio of 5, 10, 15, and 25 atomic %. The acids tested were: HCl - 5, 10,
15, and 20%; H₂SO₄ - 20, 40, 50, 70, and 90%; and H₃PO₄ - 20, 40, 60, and 80%. The
tests were performed at 185°C and at the boiling points of the acids, and lasted
from 72 to 144 hours. It was established that alloying Nb with Ti, Zr, and V in-
creases its corrosion rate in all the acids tested, while alloying it with Ta and
Mo lowers the rate. Alloys of Nb with Ta containing 15--25 atomic % of Ta can be
substituted for Ta in corrosive acid media. They are cheaper and lighter than

UDC: 669.018.8

Card 1/2

L 23894-66

ACC NR: AP6008621

pure Ta. Ti can be introduced in the amount of 5--10 atomic % as a second component of the alloy. At such concentrations, Ti has no effect upon the corrosion stability of the alloy; however, it improves the technological properties, facilitates the alloying process, and makes the product more economical. Use of Mo is not advisable as it affects the deformation of the alloys. Orig. art. has: 8 figures.

SUB CODE: 07/ SUBM DATE: 20Mar65/ ORIG REF: 004/ OTH REF: 002

Card 2/2 do

GEORGIYEVA, K., mladshiy nauchnyy sotrudnik

Intraoral osteosynthesis in fractures of the lower jaw.
Stomatologija 41 no.5:58-60 S-O '62. (MIRA 16:4)

1. Iz Nauchno-issledovatel'skogo stomatologicheskogo instituta
(dir. - prof. T.Burkov), Sofiya.
(JAWS—FRACTURE)

NIKOLOV, N., prof.; GEORGIYEVA, M., kand. med. nauk; POPIVANOV, S.

Acute renal insufficiency in obstetrical and gynecological practice. Akush. i gin. 39 no.3:16-20 My-Je'63 (MIRA 17:2)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. N. Nikolov) i kafedry urologii (zav. - prof. A. Chervenakov) Instituta spetsializatsii i usovershenstvovaniya vrachey, Sofiya.

GEORGIYEVA, M.N.,

Use of diadynamotherapy in certain stomatological diseases and
in paresis of the facial nerve. Vop.kur.fizioter. i lech.fiz.
kul't.23 no.3:235-238 My-Je '58 (MIRA 11:?)

1. In Meuchno-issledovatel'skogo instituta pri Institute usover-
shenstvovaniya vrachey i kafedry khirurgicheskoy stomatologii (sav.-
prof. S. Davidov) Vysshego meditsinskogo instituta, Sofiya, Bolgariya.
(DIATHERMY)
(MOUTH--DISEASES)
(FACIAL NERVE--DISEASES)

GEORGIYEVA, R.

B-5

BULGARIA/General Biology. Genetics

Abs Jour : Ref Zhur - Biol., No 22, 1956, No 98969

Author : Georgiyeva R., Tsikov D., Georgiyeva I., Dilov,
Kh., Pchelarov Vt

Inst : Institute of Plant Growing, Bulgarian AS
Title : Periodical and Genetic Difference in Quality of
Potatoes During the Regeneration

Orig Pub : Izv. In-ta rasteniyovedstvo. S"lg. AN, 1957,
kn. 4, 73-107

Abstract : Plants developed from rooting of shoot tops in
aguila and cardinal kinds resembled in their pro-
gress of ontogenesis the plants grown from the
appropriate tubers; and therefore, authors sup-
pose, the axillary buds in regard to the old shoots
correspond to the tubers' ocelli according to their
periodical development. On the conditions of
summer planting, the plants from the rooted grafts
developed normally and produced tubers indicating

Card : 1/2

GEORGIEVA, R. (Bulgaria)

Grafting slightly dehydrated plants in developing vegetative hybrids.
Agrobiologija no.5:29-38 S-0 '58. (MIRA 11:11)

1. Sel'skokhozyaystvennaya akademiya imeni G. Dimitrova, g. Sofiya.
(Grafting)

GEORGIEVA, R.

"Influence of certain physical factors on the character of heredity in hybridization of tomatoes. I. Influence of the electromagnetic field. In French."

DOKLADY, Sofiia, Bulgaria, Vol. 11, no. 3, May/June 1958.

Monthly List of East European Accessions Index (EEAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

SPIROV, M.; TONCHEV, G.; GEORGIEVA, R.

New tendencies in complex therapy of pulmonary tuberculosis.
Svrem. med., Sofia 5 no.8:52-61 1954.

1. Iz Durshavniia detski sanatorium, gr. Triavna. Gl. lekar:
I.Vuglenov.
(TUBERCULOSIS, PULMONARY, therapy)

GEOORGIEVA, R. (Acad.)

#240

- 3/3 -

See also, Subject Bibliographies, nos. 101, 120, 140, 141, 142

(Continued)

29. "Controlling Developmental Trends from Printed Pictures," I. A. KERZNER (Editor), English Article, pp. 70-71.
30. "The Effect of Soviet Law on the Production of Soviet Photo Books," English Article, pp. 70-71.
31. "Participation in Competition at International Bookfairs and Photo Exhibitions," English Article, A. A. KERZNER (Editor), English Article, pp. 70-71.
32. "The Rehabilitation of Posters by Means of Photography," M. G. KERZNER (Editor), English Article, pp. 70-71.
33. "Graphic Design: The Influence of Soviet Art on International Art," English Article, A. A. KERZNER (Editor), English Article, pp. 70-71.
34. "Photomontage: The Art of Soviet Artists," English Article, A. A. KERZNER (Editor), English Article, pp. 70-71.
35. "Photomontage: A New Form of Art," English Article, A. A. KERZNER (Editor), English Article, pp. 70-71.
36. "The Quantitative Historical Analysis of Sociopolitical and Economic Processes," English Article, pp. 70-71.
37. "The Quantitative Approach to Planning," I. S. KERZNER and S. G. KERZNER (Editors), English Article, pp. 70-71.

(2)

RADEV, T.; GEROV, K.; GEORGIEVA, R.

Enzyme of carbonic anhydrase, and its importance for
animals. Priroda Bulg 12 no. 1: 80-82 Ja-F '63.

RADEV, T.; GEROV, K.; CHOUSHKOV, P. [Chushkov, P.]; VENKOV, T.;
GEORGIEVA, R.

Composition of alanthoid and amnionic fluids in swine.
Doklady BAN 16 no. 4: 433-436 '63.

1. Institute of Comparative Pathology and Institute of
Biology and Pathology of Reproduction Propagation.

GEORGIYEVA, S.A., prof.; BELIKINA, N.V.; ZHELOTOVA, O.P.; IVANOVSKAYA,
Ye.M.; PROKOF'YEVA, L.I.; PROSTYAKOVA, V.I.

[Manual for the practical study of normal physiology] Ucheb-
noe posobie k prakticheskim zaniatiiam po normal'noi fiziolo-
gii. Sest.S.A.Georgievoi i dr. Saratov, 1963. 148 p.
(MIRA 17:3)

1. Saratov. Meditsinskiy institut.

POPOV, L.; BALABANOV, Kr.; GEORGIEVA, Sl.

Cytodiagnosis of pemphigus. Suvrem med., Sofia no.1:63-67 '61.

1. Klinika po kozhni i venerichni bolesti pri Visshiaia meditsinski
institut, Sofia. (Direktor: prof. L. Popov.)

(PEMPHIGUS diagn)

OEORGIYEVA, S.A.

Blood coagulation in burns. Klin.med., Moskva 28 no.5:91-92 May 50.
(CLML 19:4)

1. Of the Department of Normal Physiology (Head -- Prof. Ye.S. Ivanitskiy-Vasilenko) and of the Department of General Surgery (Head -- Prof. I.M.Popov'yan) of Saratov Medical Institute, Saratov.

IVANITSKIY-VASILENKO, Ye.S.; GEORGIEVA, S.A.

Correlation of the levels of prothrombin and blood sugar following
the injection of insulin. Trudy Sar. gos. med. inst. 26:5-9 '59.
(MIRA 14:2)

1. Spratovskiy meditsinskiy institut, kafedra normal'noy fiziologii
(zav.prof. Ye.S. Ivanitskiy-Vasilenko).
(PROTHROMBIN) (BLOOD SUGAR) (INSULIN)

GEORGIEVA, S. A., Dr. Med. Sci., — (diss) "Disturbances of certain cortical and subcortical functions in patients with the effects of penetrating cranio-cerebral injuries," Kyubyshev, 1961, 23 pp, (Kyubyshev State Medical Institute), 280 copies (KL-Supp 9-61, 187)

GEORGIEVA, T. (g. Bobruysk)

Keeping their word. Sov. profsoiuzy 7 no.11:26-27 Je '59.
(MIRA 12:9)
(Bobruysk--Clothing industry--Labor productivity)

Georgievich, T. N.

- MICOGIOTI, V. Ja. - "The nucleic acids of the barrier cell nucleus and cytoplasm".
 DODONOV, E. V., VEDOGRADCHIK, V. V. and SOKHOMTCHI, N. Ya. - "Histochimical characteristics of nucleoheteroconjugates in pathological conditions".
 KALININA, A. N. - "Protein aspects of carbohydrate-containing tissues in human diseases".
 KALININA, A. N. - "The resolution of the nucleoheteroconjugate".
 KARLOVSKY, G. S. - "The studies on the cell heteroproteins with the aid of protein fractionation procedures".
 GOLIK, T. V., KARLOVSKY, G. S., NEFEDOV, M. P., RUMYANTSEV, V. N., BAKSTROV, L. I. and OZERETS, A. V. - "Ultraviolet fluorescence microscopy as a new field of histochimistry".
 KERAVSKY, G. S. - "Histochimical characteristics of diaphorase polyneuritis".
 KERAVSKY, G. S. - "The determination of the inhibitory group of proteins by means of the inhibitory indicator (methylmethacrylate acid) method".
 KERAVSKY, G. S. - "Cytochromic and autoradiographic analysis of the role of nucleic acids in the synthesis of cellular proteins".
 CHUDNOVSKA, O. F. - "The evolution of the protein-histone complex in the composition of connective tissue in the development of rheumatic process".
 KERAVSKY, A. I. - "The histochimical contribution to the study of the immunopathological diseases".
 KERAVSKY, A. I. - "Some mechanisms controlling the cytolytic activity of the immune effector cells".
 A summary of this report has been received by the organizers of the Congress and is included in Group 1.
 KERAVSKY, A. I. - "The aspect of histochimistry and the nervous system".
 This is a proposed report of which the exact title is not yet known. It is listed by general subject under Group III.
 KERAVSKY, A. I. - "Histochimetry in experimental cancer chemotherapy".
- KERAVSKY, G. S. - "Comparative histochimistry of rabbit differing in their function".
 SABANOV, A. L. - "The source of ribonucleoproteins in the nucleoplasm of different animal cells and their functional properties".
 SABANOV, A. L. - "Protein and nucleic acid composition of epiphytes and epidermal tissues or nerve tissues".
 SFRUKOV, A. I. - "Histochimical examinations of contrasting literature in the light of recent pathological studies".
 NEFEDOV, M. P. - "A comparative physical and chemical characteristic of precipitates and colloids".
- VASIL'YEV, Yu. M. - "Histochimical studies of the connective tissue changes observed in the source of development of tuberculous sarcosis in rats".
 CHUDNOVSKY, I. B. - "Protein and nucleic composition of alveolar structures".
 ZHANGALI, I. B. and PRYGOVICHENKOVA, N. A. - "On the role of cell nucleus and its fractions in protein biosynthesis measured by the incorporation of labeled amino acids".

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8

TUGOV, I.I., kand.tekhn.nauk; GEORGIYEVA, V.S., inzh.

Changes occurring in the properties of carcasse rubber during
its swelling. Nauch.-issl.trudy VNIIPIK no.12:58-68 '60.
(MIRA 16:2)

(Rubber—Testing)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8"

L 13824-63 EPR/EWP(?) /EPF(c)/EWT(m)/BDS/ES(w)-2 AFFTC/APGC/ASD/ESD-3/SSD
Pr-4/Pc-4/Pr-4/Pab-4 RM/WW
ACCESSION NR: AP3003862 8/0020/63/151/003/0634/0637 92
85

AUTHOR: Georgiyeva, V. S.; Pisarenko, A. P.; Shtarkh, B. V.

TITLE: Modification of polymers—a technique for obtaining porous structures

SOURCE: AN SSSR. Doklady*, v. 151, no. 3, 1963, 634-637

TOPIC TAGS: polychloroprene, poly(vinyl formal), chloroprene, vinyl formal, poly(vinyl alcohol), condensation structure formation, latex, polychloroprene latex, acetalization, gel, formaldehyde, acid catalyst, gelation, L-4, porous film, porous membrane, porous structure, polar polymer, nonpolar polymer, condensation network, coagulation network, synthetic leather, synthetic fiber

ABSTRACT: Polychloroprene-poly(vinyl formal) porous films have been prepared by the technique of condensation-[network-]structure formation (N. V. Mikhaylov and P. A. Rebinder, Koll. zhurn., 18, no. 2, 107 (1955)). A small [unspecified] amount of poly(vinyl alcohol) (PVA) in aqueous solution was added to polychloroprene (KCP) latex.⁵ The PVA formed a coagulation network, and a gel resulted. Acetalization of a film of the gel with formaldehyde in the presence of an [unspecified] acid [catalyst] resulted in a stiff condensation network of poly(vinyl formal) (PVF), forming a porous structure. The critical factors

Card 1/3

L 13824-63

ACCESSION NR: AP3003862

in this process were component ratio, gelation time, and degree of dehydration prior to acetalization and acetalization conditions. The porosity, strength, and elasticity of the porous structure can be controlled by varying gelation time. The degree of acetalization is greatly affected by the temperature and time of acetalization and by the type and concentration of acid [catalyst] used [data not given]. Films based on Latex and PVA and having a good microporous structure were obtained. The films demonstrated the following wide range of properties: apparent specific gravity, 0.40-1.20 g/cm³; [water] vapor permeability, 0.05-710 mg/cm² hr; water absorption, 2 hr, 3-50%, 24 hr, 3-60%; tensile strength, 10-80 kg/cm²; and elongation-at-break, 100-900%. Study of the solubility of the films in water, glacial acetic acid, and chloroform revealed that 50% of the PVF is not extracted by the acid, even at 61.2-70C, suggesting that the network structure is due to bonds stronger than Van der Waals forces. IR spectra were compared for PVF and for PCP-PVF gels swelled in chloroform after prolonged high-temperature extraction in glacial acetic acid. A substantial number of bands characteristic of PVF were also observed in the gels, confirming the feasibility of modifying PCP by formation of a PVF phase in the system. The equilibrium modulus of PCP-PVF films (13.9 kg/cm²) sharply exceeded that of PCP-PVA (4.90) or PCP (2.15) films. It is stressed that in the manufacture of synthetic leather and fibers, the condensation-[network]-structure

Card 2/3

L 13824-63

ACCESSION NR: AP3003862

formation technique makes it possible not only to produce porous structures, but also to combine polar and nonpolar polymers and to vary properties according to the desired characteristics of the end product. "The authors express their profound gratitude to P. A. Rebinder, A. B. Taubman, I. N. Vlodavets, Ya. M. Yabko, M. M. Bernshteyn, and M. P. Litovchenko for giving a number of valuable opinions during the discussion of the results." Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 08Feb63

DATE ACQ: 15Aug63

ENCL: 00

SUB CODE: CH, MA

NO REF Sov: 007

OTHER: 001

Card 3/3

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8

GEORGIYEVA, V.S.; PISARENKO, A.P.

Effect of the conditions of gelatinization on the properties of
polychloroprene-polyvinylformaldehyd microporous films.
Kozh.-obuv.prom. 6 no.1:31-34 Ja '64. (MIRA 17:4)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8

KHOROSHAYA, Ye.S.; KOROL'KOVA, K.D.; GIORGIEVA, V.S.; PISARENKO, A.P.

Express method for determining the degree of acetalation of
rubber polyvinyl formal films. Kozh.-obuv. prom. 6 no.9:
19-20 S '64. (MIRA 17:12)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8"

GEORGIEVA-TODOROVA, Iordanka, st. n. sutr.

Use of ionizing radiation in the selection of plants.
Priroda Bulg 12 no. 4: 57-61 Jl-Ag '63.

1. Tsentr. laboratoriia po genetika.

BURKOVSKIY, Ye.; GEORGIYEVSKAYA, G.; LEVERTOV, V.; YUDIN, S.;
VAL'TER, M., red.; INKIS, R., tekhn. red.

[Signaling of damages in overhead electric power
distribution networks] Telesignalizatsiya povrezhdenii
v vozдушnykh raspredelitel'nykh setiakh; energetika.
Riga, TSentr. biuro tekhn. informatsii, 1962. 10 p.
(MIRA 16:11)

(Electric lines--Overhead)
(Electric power distribution)

TEMEL'YANOVA, I.Z.; GEORGIYEVSKAYA, G.D.

Determination of the acidity of ethyl alcohol. Gidroliz.i
lesokhim.prom. 12 no.8:15-16 '59. (MIRA 13:4)

1. Nauchno-issledovatel'skiy institut gidrolyznoy sul'fitno-
spiritovoy promyshlennosti.
(Ethyl alcohol) (Hydrogen-ion concentration)

GEORGIYEVSKAYA, G.L.

Characteristics of the course in Botkin's disease in southern parts
of Sakhalin. Sov. med. 25 no.5:134-137 My '61. (MIRA 14:6)

1. Iz infektsionnoy bol'nitsy g. Sovetskaya Gavan' (glavnnyy vrach
G.M.Munits).
(SAKHALIN—HEPATITIS, INFECTIOUS)

GEORGIYEVSKAYA, G.L.

Problem of Reiter's syndrome. Klin.med. 39 no.3:115-118 Mr '61.
(MIRA 14:3)

1. Iz bol'niitsa vodzdravotdela g. Sovetskaya Gavan' (glavnnyy
vrach T.G. Luk'yanova).
(REITER'S DISEASE)

GEORGIYEVSKAYA, G.L.; RAKHLEN, A.V.; IVANOV, F.I.

Use of Lipetsk mineral water in the treatment of chronic
cholecystitis. Vop. kur., fizioter. i lech. fiz. kul't. 30
no.4:366-367 J1-Ag '65. (MIRA 18:9)

1. Fakul'tetskaya terapevcheskaya klinika (zav.- prof.
Yu.M. Bala) Voronezhskogo meditsinskogo instituta.

GEORGIYEVSKAYA, L. I.

USSR/Miscellaneous - Printing processes

Card 1/1 Pub. 77 - 3/23

Authors : Georgiyevskaya, L. I.

Title : Polygraphic combine in Kalinin

Periodical : Nauka i Zhizn' 21/10, 7-9, Oct 1954

Abstract : A description is given of the printing establishment in the city of Kalinin, claimed to be the largest in the nation producing six hundred and one million colored prints a year. An imaginary trip through the plant is described in which the organization and machinery are explained. Illustrations.

Institution : ...Glavnyy inzhener Kalininskogo poligraficheskogo kombinata.

Submitted : ...

GEORGIYEVSKAYA, Lyubov' Ivanovna

Integlio printing. Znam. sila 33 no.7:9-11 Jy '58. (MIR 11:11)

1. Glavnnyy inzh. Kalininskogo poligraficheskogo kombinata.
(Printing)

117

The mineral composition of the gray matter of human brain. L. M. Georgievskaya, A. M. Petrukhina and M. L. Petrukhin. *Arch. sci. Sov. (U.S.S.R.)* 30, 383-6 (in German 387) (1935).—The following figures are given on the basis of 11 analyses, in g. per 1000 g. fresh brain substance: H₂O 836.2-854.3, Cl 1.32-2.1, K 3.20-4.19, Na 0.97-1.54, Ca 0.05-0.112 and Mg 0.080-0.116. The mineral composition of the gray matter of schizophrenic patients. *Ibid.* 30, 402 (in German 402). The figures fell within the normal ranges given above.
W. A. Perlzweig

The nature of the union of the sodium and potassium in the grey matter of the human brain. L. M. Georgievskaya. *J. Physiol. (U. S. S. R.)* 10, 571-4 (1935). The Na and K of the gray matter of the cortex are quantitatively separated by electrodialysis. The Na and K, therefore, occur in the brain in a salt-like combination.
H. Cohen

AIAA-METALLURGICAL LITERATURE CLASSIFICATION

1400000 00

101002 449 000

0000000

1400000 00

0000000

OA

11%

Acid-base equilibrium in blood serum in cardiac insufficiency. L. M. Georgievskaya, P. A. Kuklova and N. A. Toluleeva. Akad. Med.-Fiz. SSSR, No. 11, 49 (1959).—Cardioplethora without cardiac insufficiency is characterized by an increase in mineral salts in the blood. With cardiac insufficiency a decrease in CO₂ and an occasional decrease in protein are observed. In severe cases of cardiac insufficiency there is a decrease in pH, protein and CO₂, with an increase in P, K and Mg. S. A. Karava

Acid-base equilibrium in blood serum in arteriosclerosis and essential hypertension. L. M. Georgievskaya, P. A. Kuklova and N. A. Toluleeva. Akad. Med.-Fiz. SSSR, No. 11, 63 (1959).—Arteriosclerosis and essential hypertension without cardiac insufficiency show no deviation from the normal in pH, CO₂, ing. acids, P, K, Ca, Mg or protein. Slight increases in Na and Cl are sometimes observed. S. A. Karava

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8

GEORGIYEVSKAYA, L.M.

Lung Chil. Klinicheskaya Medicina, 22 (1941), 1-2, 36-42.

SO: Translation- 30 Apr 1954.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8"

Ch

II - G

Products of faulty oxidation in blood and urine of patients with cardiovascular disease or anemia. I. M. Georgievskaya. (Leningrad Med. Inst.). Akad. Med. (U.S.S.R.) 28, No. 7, 43-9 (1947). Neither the oxidation quotient nor the products of faulty oxidation seemed to be altered in urine. The serum oxidation quotient increased during phys. exertion and also in cases of cardiovascular deficiency and pernicious and hypochromic anemias. Inhalation of a 4% O mist by normal persons and 10% O by patients with anemia resulted in a decrease of the serum oxidation quotient and sugar. The latter was usually within the normal limits except in severe cases of hypochromic anemia in which it was reduced. Blood chloride seemed to increase slightly in cardiovascular and anemic conditions. H. L. Williams

E50 51A METALLURGICAL LITERATURE CLASSIFICATION

CA

oceanology

Add-base relations in blood serum in patients with long embryos of various levels of respiratory deficiency.
L. M. Gerasimova, E. A. Rubanova, N. A. Berzhanova-
Nabul'eva, Ya. V. Blagodatnaya, and M. V. Zhukov
(1st Leningrad Med. Inst.). *Izv. Akad. Nauk SSSR*, No. 4,
23-31(1982).—With an increase of respiratory deficiency
the CO₂ and org.-acid content in blood serum rises, as does
that of Na and to some extent K. Cl is lowered corre-
spondingly, and the tendency to develop gas and nongas
acids is incompletely compensated by retention of Na in
the blood. Generally there is an accumulation of acids
and bases in blood plasma. The compensation is de-
creased even more in cases with heart deficiencies.

G. M. Kovolapoff

GEORGIYEVSKAYA, L.M.; LIPOVETSKIY, B.M.; SHASTIN, N.N.

Acid-base equilibrium in urine in pulmonary emphysema in various
stages of respiratory insufficiency. Ter. arkh., Moskva 25 no.5:
34-40 Sept-Oct 1953. (CIML 25:4)

1. Of the Faculty Therapeutic Clinic (Acting Head -- Prof. T. S.
Istamanova), First Leningrad Medical Institute imeni I. P. Pavlov.

GEORGIYEVSKAYA, L.M.

Anoxia in chronic heart insufficiency. Terap.arkh. 28 no.7:16-26,
'56. (MLRA 10:1)

1. Iz fakul'tetskoy terapevicheskoy kliniki (zav. - prof. T.S.
Istomanova) I Leningradskogo meditsinskogo instituta imeni I.P.
Pavlova.

(CONGESTIVE HEART FAILURE, blood in
anoxia, clin. aspects)

GEORGIYEVSKAYA, L.M., kandidat meditsinskikh nauk (Leningrad)

Condition of the internal organs in amputated invalids of the World
War II. Klin.med. 34 no.10:45-50 O '56. (MIRA 10:1)

1. Iz Leningradskogo muchno-issledovatel'skogo instituta
protezirovaniya.

(AMPUTATION, compl.

dis. of internal organs,

psychol. aspects & role of cerebr cortex)

(CEREBRAL CORTEX, physiol.

psychol. trauma causing internal dis. in amputees)

*USSR/Human and Animal Physiology. Blood Circulation.
General Problems.*

T-5

Abs Jour: Rof Zhur-Biol., No 12, 1958, 55561.

Author : Georgiyovskaya, L.M.

Inst :

Title : Cardiac Insufficiency and the Body's Oxygen Supply.
(Review of Data from Foreign Periodical Literature).

Orig Pub: Vopr. patol. sord.-sosud. sistemy. Sb. porov., obz.
i ref. in. period. lit., 1957, No 5, 15-26.

Abstract: No abstract.

Card : 1/1

GEORGIYEVSKAYA, L.M.

Oxygen starvation in chronic pulmonary emphysema. Terap.arkh. 29
(MIRA 10:10)
no.6:16-29 Je '57.

1. Iz fakul'tetskoy terapevicheskoy kliniki (zav. - prof. T.S.
Istamanova) I Leningradskogo meditsinskogo instituta imeni I.P.
Pavlova.

(ANOXIA, etiology and pathogenesis,
pulm. emphysema (Rus))
(EMPHYSEMA, PULMONARY, compl.
anoxia (Rus))

GEORGIYEVSKAYA, Lidiya Matveyevna; LIKHNITSKAYA, I.I., red.; KHARASH,
G.A., tekhn. red.

[Regulation of gas exchange in chronic cardiac and ventilation insufficiency; transport of gases by the blood] Regulistsiiia gazooobmena pri khroniceskoi serdechnoi i ventiliatsionnoi nedostatochnosti; transport gazov krov'iu. Leningrad, Gos.izd-vo med. lit-ry. Leningr. otd-nie, 1960. 223 p. (MIRA 14:5)
(RESPIRATION) (HEART FAILURE) (LUNGS--DISEASES)

VAYSMAN, N.M.; GEORGIYEVSKAYA, L.M.

Effect of β -sitosterol on the blood lipid level in patients with coronary atherosclerosis. Terap.arkh. 33 no.1:29-36 '61.
(MIRA 14:3)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. T.S. Istamanova)
I Leningradskogo meditsinskogo instituta.
(CORONARY HEART DISEASE) (SITOSTEROL)
(LIPIDS METABOLISM)

GEORGIYEVSKAYA, Lidiya Matvyevna; RAVKIND, B.M., red.; BUGROVA, T.I.,
tekhn. red.

[Diseases due to the common cold, their prevention and
treatment] Prostudnye zabolевания, ikh preduprezhdenie i
lechenie. Leningrad, Medgiz, 1962. 50 p. (MIRA 16:4)
(COLD (DISEASE))

GEORGIYEVSKAYA, L.M.; BLAGODATOV, R.I.; SHILLER, V.L.

Ligation of the internal thoracic arteries as a method
of treating chronic coronary insufficiency. Sov. med. 26
no.4:23-26 Ap '63. (MIRA 17:2)

1. Iz kliniki fakul'tetskoy terapii (zav. - prof. T.S.
Istamanova) i gospital'noy khirurgicheskoy kliniki (zav. -
prof. F.G. Uglov) I Leningradskogo meditsinskogo instituta
imeni I.P. Pavlova.

#147

Gel'man, A.B

To

GEORGIYEVSKAYA, L.M.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8



APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730012-8"